

| Ref # | Hits | Search Query                                                                                                 | DBs                                                     | Default Operator | Plurals | Time Stamp       |
|-------|------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|---------|------------------|
| L3    | 1    | ("6901446").PN.                                                                                              | US-PGPUB;<br>USPAT                                      | OR               | OFF     | 2005/12/19 13:34 |
| L4    | 0    | ("6901446").URPN.                                                                                            | USPAT                                                   | OR               | ON      | 2005/12/19 13:34 |
| L5    | 8    | ("5548506"   "5857190"  <br>"6480861"   "6584493"  <br>"6697858"   "6771661"  <br>"6799208"   "RE38633").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR               | ON      | 2005/12/19 13:34 |
| S1    | 231  | matsunami.in. and naoto.in.                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/16 16:04 |
| S2    | 46   | matsunami.in. and naoto.in. and<br>SAN                                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/09 15:53 |
| S3    | 9    | matsunami.in. and naoto.in. and<br>SAN and capacity.ab.                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/09 16:52 |
| S4    | 1    | ("5675769").PN.                                                                                              | US-PGPUB;<br>USPAT                                      | OR               | OFF     | 2005/08/09 17:21 |
| S5    | 8    | ("20030023660" "20040025162" "20040054850" "6026425").PN.                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/09 17:32 |
| S6    | 6134 | (storage) with (estimate or<br>predict)                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/09 17:32 |
| S7    | 11   | (storage) with (estimate or<br>predict) and (709/223).ccls.                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/09 17:51 |
| S8    | 14   | ("5625795" "6212520" "6308243"<br> "6363457" "6538669" "6671776"<br> "6845395").PN.                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/09 17:42 |
| S9    | 2    | ("6363457").URPN.                                                                                            | USPAT                                                   | OR               | ON      | 2005/08/09 17:49 |

|     |      |                                                                     |                                                         |    |    |                  |
|-----|------|---------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S10 | 180  | (storage) with (estimate or predict) and ("711"/\$).ccls.           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 12:36 |
| S11 | 6134 | (storage) with (estimate or predict)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 17:29 |
| S12 | 326  | (storage) with (estimate or predict) with capacity                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 17:29 |
| S13 | 505  | synchron\$4 with browser                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 13:36 |
| S14 | 39   | synchron\$4 with browser with voice                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/10 13:36 |
| S15 | 27   | synchron\$4 with browser with voice                                 | US-PGPUB                                                | OR | ON | 2005/08/10 13:36 |
| S16 | 6154 | (storage) with (estimate or predict)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 17:29 |
| S17 | 4039 | (estimate or predict) with capacity                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 17:29 |
| S18 | 5    | (estimate or predict) with capacity and (network near3 storage).ab. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 17:32 |
| S19 | 374  | (estimate or predict) with capacity and storage.ab.                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 17:32 |

|     |        |                                                                                                                                                              |                                             |    |     |                  |
|-----|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----|-----|------------------|
| S20 | 342    | (estimate or predict) with capacity and storage.ab. and (@prad<"20030801" or @ad<"20030801")                                                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/08/15 17:47 |
| S21 | 52688  | (estimate or predict) with capacity and storage.ab. and (@prad<"20030801" or @ad<"20030801") and ("709"/\$). ccls. or ("707"/\$).ccls. or ("711"/\$).ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/08/15 17:48 |
| S22 | 42     | (estimate or predict) with capacity and storage.ab. and (@prad<"20030801" or @ad<"20030801") and (("709"/\$). ccls. or ("707"/\$).ccls. or ("711"/\$).ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/08/15 18:07 |
| S23 | 170273 | capacity                                                                                                                                                     | JPO                                         | OR | ON  | 2005/08/15 18:07 |
| S24 | 123    | estimate near3 capacity                                                                                                                                      | JPO                                         | OR | ON  | 2005/08/15 18:08 |
| S25 | 23     | estimate near3 capacity and storage                                                                                                                          | JPO                                         | OR | ON  | 2005/08/15 18:08 |
| S26 | 6700   | storage adj management                                                                                                                                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/08/16 18:27 |
| S27 | 49     | (storage adj management) near3 dynamic                                                                                                                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/08/16 18:27 |
| S28 | 3      | ("20040073763"   "5802069"   "5802341").PN.                                                                                                                  | US-PGPUB; USPAT; USOCR                      | OR | ON  | 2005/08/16 18:42 |
| S29 | 2      | ("20010052108" "20040107125"). PN.                                                                                                                           | US-PGPUB; USPAT; USOCR                      | OR | ON  | 2005/08/16 18:42 |
| S30 | 26     | ("20040097195" "20040148090" "5848373" "5872526" "5894323" "5907293" "5983161" "6037991" "6317605" "6385461" "6456854" "6525768" "6720920").PN.              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/08/17 13:18 |
| S31 | 34     | DNS adj server with selection                                                                                                                                | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/08/17 13:29 |
| S32 | 1      | ("20020032544").PN.                                                                                                                                          | US-PGPUB; USPAT                             | OR | OFF | 2005/08/17 13:30 |

|     |     |                                                                                                                                                                                                                                                                                               |                                                         |    |     |                  |
|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----|------------------|
| S33 | 1   | ("20020154623").PN.                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/08/17 13:31 |
| S34 | 4   | US-6298308-\$.DID. OR<br>US-6377571-\$.DID.                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/17 13:37 |
| S35 | 201 | DNS adj server and DNS adj3<br>resolution                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/17 13:37 |
| S36 | 21  | ("5014265"   "5136580"  <br>"5224099"   "5280470"  <br>"5313454"   "5317562"  <br>"5359592"   "5485455"  <br>"5570360"   "5610910"  <br>"5666353"   "5715394"  <br>"5734836"   "5812529"  <br>"5922051"   "5953708"  <br>"6023724"   "6304913"  <br>"6324580"   "6446121"  <br>"6606643").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/08/17 13:55 |
| S37 | 1   | ("20030009592").PN.                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/08/17 14:25 |
| S38 | 89  | DNS with vpn                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/17 14:32 |
| S39 | 5   | dns adj2 query with broadcast                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/17 14:33 |
| S40 | 1   | ("5247660").PN.                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/08/18 13:58 |
| S41 | 30  | ("5247660").URPN.                                                                                                                                                                                                                                                                             | USPAT                                                   | OR | ON  | 2005/08/18 14:38 |
| S42 | 0   | print adj3 webpage                                                                                                                                                                                                                                                                            | USPAT                                                   | OR | ON  | 2005/08/18 14:38 |
| S43 | 11  | print with webpage                                                                                                                                                                                                                                                                            | USPAT                                                   | OR | ON  | 2005/08/18 14:38 |
| S44 | 6   | ("6230247").URPN.                                                                                                                                                                                                                                                                             | USPAT                                                   | OR | ON  | 2005/08/18 15:27 |
| S45 | 18  | ("5247660"   "5247674"  <br>"5374916"   "5386536"  <br>"5412805"   "5475813"  <br>"5504894"   "5537585"  <br>"5553285"   "5561793"  <br>"5568635"   "5603029"  <br>"5644766"   "5668995"  <br>"5794224"   "5799150"  <br>"5933413"   "5963211").PN.                                           | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/08/18 15:29 |

|     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                         |    |     |                  |
|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----|------------------|
| S46 | 164 | storage adj allocation with dynamic                                                                                                                                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/18 16:23 |
| S47 | 42  | overallocation                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/18 16:49 |
| S48 | 1   | ("6775688").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/08/18 16:50 |
| S50 | 1   | ("6098074 ").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/08/18 16:55 |
| S51 | 22  | (US-20020138559-\$ or<br>US-20030061331-\$ or<br>US-20030140207-\$ or<br>US-20040054850-\$ or<br>US-20040078376-\$ or<br>US-20040153471-\$ or<br>US-20040158573-\$ or<br>US-20040215831-\$ or<br>US-20040243692-\$ or<br>US-20050071596-\$ or<br>US-20050102467-\$).did. or<br>(US-6363457-\$ or US-6538669-\$<br>or US-6799260-\$ or US-6912627-\$<br>or US-5247660-\$ or US-6636958-\$<br>or US-6523047-\$ or US-6230247-\$<br>or US-6732232-\$ or US-5568635-\$<br>or US-6098074-\$).did. | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/08/18 18:34 |
| S52 | 0   | S51 and (write near3 I/O)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/18 18:35 |
| S53 | 15  | S51 and (write)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/18 18:35 |
| S54 | 7   | S51 and (write) and I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/18 18:35 |
| S55 | 1   | S51 and (write) with I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/18 18:37 |

|     |          |                                                          |                                                         |    |    |                  |
|-----|----------|----------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S56 | 30       | archive with number with write                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/18 18:44 |
| S57 | 66       | number adj4 write adj4 (i/o)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/18 18:52 |
| S58 | 155      | mark near4 backup                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/18 18:52 |
| S59 | 22       | mark near4 backup and storage.<br>ab.                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/18 18:55 |
| S60 | 0        | number near3 wirt e near3 I/O                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/18 18:55 |
| S61 | 134      | number near3 write near3 I/O                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/18 18:55 |
| S62 | 1        | number near3 write near3 I/O<br>with (archive or backup) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/18 18:56 |
| S63 | 309      | (709/223).ccls. and storage.ab.                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/18 19:04 |
| S64 | 27555717 | (@prad<"20030901" or<br>@ad<"20030901")                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/18 18:58 |
| S65 | 289      | S63 and S64                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/18 18:58 |

|     |       |                                                                                                                                                                           |                                                         |    |     |                  |
|-----|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----|------------------|
| S66 | 2     | (709/223).cccls. and storage.ab.<br>and allocation.ab.                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/18 19:07 |
| S67 | 200   | (709/223).cccls. and archive                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/18 19:07 |
| S68 | 8     | (709/223).cccls. and archive.ab.                                                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/18 19:07 |
| S69 | 31    | ("20020019864" "20020133669" "20020169858" "20020178380" "20020184300" "20030028624" "5950011" "6167445" "6243747" "6671776" "6704778" "6760761" "6772204" "6834298").PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/19 13:32 |
| S70 | 6     | ("6230247").URPN.                                                                                                                                                         | USPAT                                                   | OR | ON  | 2005/12/14 19:18 |
| S71 | 0     | ("6732232").URPN.                                                                                                                                                         | USPAT                                                   | OR | ON  | 2005/12/14 19:19 |
| S72 | 63528 | write adj4 operations                                                                                                                                                     | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/14 19:20 |
| S73 | 61711 | write adj3 operations                                                                                                                                                     | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/14 19:20 |
| S74 | 45    | write adj3 operations same<br>archive                                                                                                                                     | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/15 17:13 |
| S75 | 6634  | storage same allocation and<br>management                                                                                                                                 | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/15 17:14 |
| S76 | 1952  | storage same allocation same<br>management                                                                                                                                | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/15 17:14 |
| S77 | 902   | storage with allocation with<br>management                                                                                                                                | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/15 17:14 |
| S78 | 5     | storage with allocation with<br>management same estimat\$5                                                                                                                | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/15 17:15 |
| S79 | 0     | ("6314418").URPN.                                                                                                                                                         | USPAT                                                   | OR | ON  | 2005/12/15 17:20 |
| S80 | 1     | ("6230247").PN.                                                                                                                                                           | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/12/15 17:20 |
| S81 | 6     | ("6230247").URPN.                                                                                                                                                         | USPAT                                                   | OR | ON  | 2005/12/15 17:20 |
| S82 | 11    | ("5623595"   "5651133"  <br>"5659704"   "5671385"  <br>"5805788"   "5809516"  <br>"5848229"   "6092215"  <br>"6230247"   "6237052"  <br>"6480904").PN.                    | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/12/15 17:22 |

|     |      |                                                                          |                                                         |    |     |                  |
|-----|------|--------------------------------------------------------------------------|---------------------------------------------------------|----|-----|------------------|
| S83 | 4    | overallocation and underallocation                                       | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/12/15 17:33 |
| S84 | 4    | ("20030023660" "20040025162" "20040054850" "6026425").PN.                | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/12/15 17:44 |
| S85 | 317  | dynamic near4 storage near4 allocation                                   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/12/15 17:47 |
| S86 | 0    | underallocation                                                          | JPO                                                     | OR | ON  | 2005/12/15 17:47 |
| S87 | 0    | underallocation                                                          | JPO                                                     | OR | ON  | 2005/12/15 17:47 |
| S88 | 7364 | allocation                                                               | JPO                                                     | OR | ON  | 2005/12/15 17:47 |
| S89 | 39   | allocation and estimate                                                  | JPO                                                     | OR | ON  | 2005/12/15 17:49 |
| S90 | 768  | (storage adj3 management).ab. or (storage adj3 management).ti.           | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/15 17:50 |
| S91 | 75   | S90 and estimate\$5                                                      | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/15 18:07 |
| S92 | 1    | ("6832248").PN.                                                          | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/12/16 10:42 |
| S93 | 1    | ("6,604,136").PN.                                                        | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/12/16 10:42 |
| S94 | 2988 | (711/170).ccls. or (711/171).ccls. or (711/172).ccls. or (711/173).ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/16 16:05 |
| S95 | 654  | S94 and ((allocation or capacity) SAME management)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/16 16:10 |
| S96 | 9215 | (709/223).ccls. or (709/224).ccls. or (709/226).ccls.                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/16 17:01 |
| S97 | 25   | S96 and S94                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/16 16:11 |
| S98 | 1391 | (709/226).ccls. and storage                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/16 17:01 |



|          |     |                                                                                     |                                                         |    |     |                  |
|----------|-----|-------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----|------------------|
| S99      | 207 | (709/226).ccls. and storage.ab.                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/16 17:19 |
| S10<br>0 | 380 | bmc.as.                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/16 17:21 |
| S10<br>1 | 1   | S100 and (storage adj allocation)                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/16 17:19 |
| S10<br>2 | 2   | S100 and (storage adj resource)                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/16 17:20 |
| S10<br>3 | 39  | bmc.as. and storage.ab.                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/16 17:44 |
| S10<br>4 | 1   | ("5051887").PN.                                                                     | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/12/16 17:45 |
| S10<br>5 | 1   | ("5675769").PN.                                                                     | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/12/16 17:59 |
| S10<br>6 | 6   | ("20010042221" "20020078066" "20030061491").PN.                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/16 19:09 |
| S10<br>7 | 12  | ("20030149762" "20030158933" "6088330" "6163856" "6493804" "6516350").PN.           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/16 19:09 |
| S10<br>8 | 9   | ("6516350").URPN.                                                                   | USPAT                                                   | OR | ON  | 2005/12/16 19:16 |
| S10<br>9 | 0   | ("6877035").URPN.                                                                   | USPAT                                                   | OR | ON  | 2005/12/16 19:22 |
| S11<br>0 | 6   | ("20010039581"   "20020141342"   "5553239"   "5734828"   "6516350"   "6721270").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/12/16 19:22 |
| S11<br>1 | 22  | ("6640278").URPN.                                                                   | USPAT                                                   | OR | ON  | 2005/12/16 19:25 |
| S11<br>2 | 0   | ("6898634").URPN.                                                                   | USPAT                                                   | OR | ON  | 2005/12/16 19:27 |

|          |       |                                                                                                                            |                                                         |    |     |                  |
|----------|-------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----|------------------|
| S11<br>3 | 5     | ("20010020254"   "20020095602"<br>  "6029168"   "6640278"  <br>"6742034").PN.                                              | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/12/17 17:20 |
| S11<br>8 | 1     | ("6640278").PN.                                                                                                            | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/12/17 18:56 |
| S11<br>9 | 358   | (overallocation or (over adj<br>allocation))                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/17 18:57 |
| S12<br>0 | 101   | (overallocation or (over adj<br>allocation)) and (network same<br>storage)                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/17 18:59 |
| S12<br>1 | 1     | ("6901446").PN.                                                                                                            | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/12/17 18:59 |
| S12<br>2 | 8     | ("5548506"   "5857190"  <br>"6480861"   "6584493"  <br>"6697858"   "6771661"  <br>"6799208"   "RE38633").PN.               | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/12/17 19:03 |
| S12<br>3 | 0     | ("6901446").URPN.                                                                                                          | USPAT                                                   | OR | ON  | 2005/12/17 19:17 |
| S12<br>4 | 66027 | ("711"/\$).ccls. or ("707"/\$).ccls.<br>or (709/223).ccls. or (709/224).<br>ccls. or (709/225).ccls. or<br>(709/226).ccls. | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/17 19:18 |
| S12<br>5 | 82    | S124 and S119                                                                                                              | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/17 19:18 |
| S12<br>6 | 51    | S125 not S120                                                                                                              | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/17 19:19 |
| S12<br>7 | 6     | ("6230247").URPN.                                                                                                          | USPAT                                                   | OR | ON  | 2005/12/19 09:13 |
| S12<br>8 | 1     | ("6317592").PN.                                                                                                            | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/12/19 09:42 |
| S12<br>9 | 1     | ("5625670").PN.                                                                                                            | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/12/19 10:49 |
| S13<br>0 | 1     | ("5159592").PN.                                                                                                            | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/12/19 13:34 |